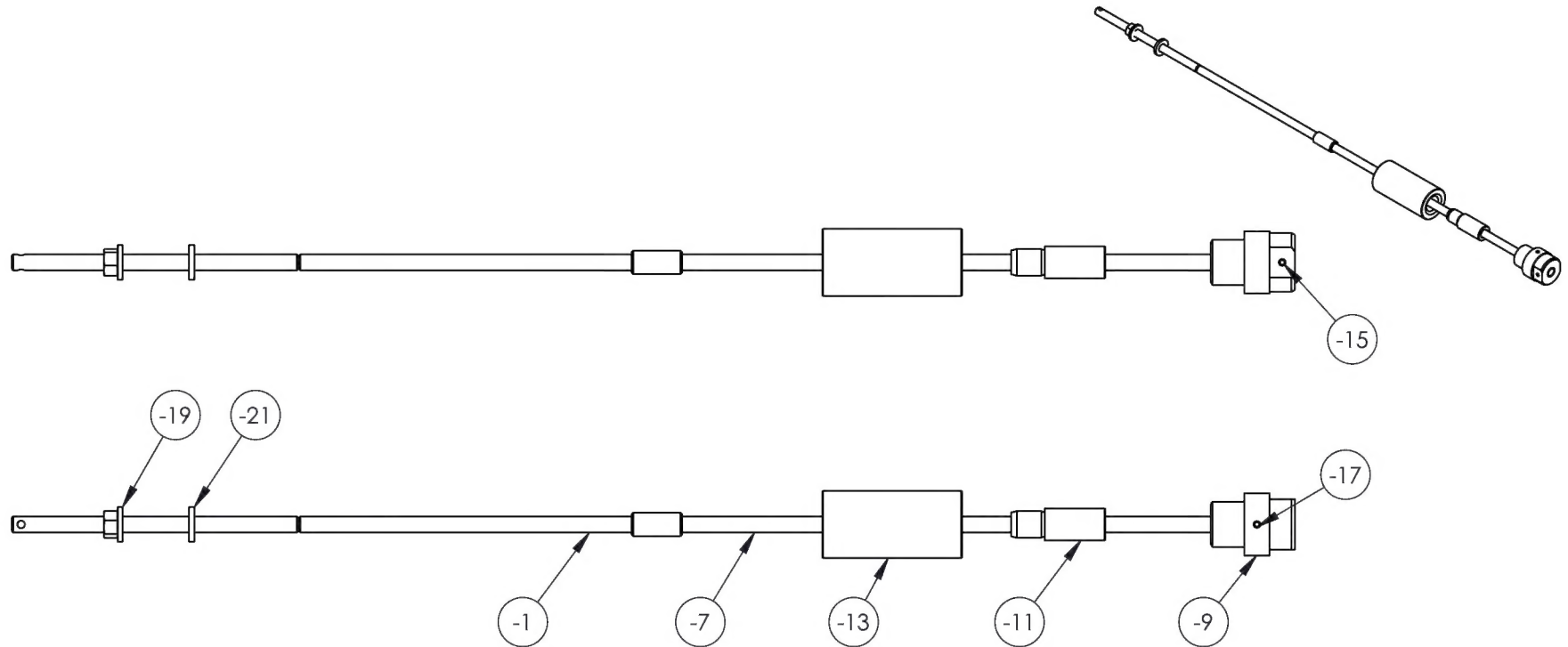


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	14-0230	MADE SEPARATE DRAWING FOR THIS TOOL FROM KIT RBW109-3130-82-139.	1/7/2015	RJC	JAG



NOTE:

1. REF. AGUSTA T/N: 109-3130-82-105.
2. PART OF KIT RBW109-3130-82-139.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	ROD WELDMENT			2
	1		-3		THREADED ROD	4140/4142		3
	1		-5		COUPLING NUT	STEEL GRD 5	3/8-16 X 1-3/4 (MCMASTER-CARR #90977A165) MODIFIED	4
			-7	1	EXTENSION ROD	4140/4142		5
			-9	1	ADAPTER	4140/4142		6
			-11	1	GUIDE	4140/4142		7
			-13	1	HANDLE	6061		8
		B/O	-15	1	SLOTTED SPRING PIN	STEEL	Ø4.4mm X 30mm (MCMASTER-CARR #91611A213)	1
		B/O	-17	1	SLOTTED SPRING PIN	STEEL	Ø4.4mm X 36mm (MCMASTER-CARR #91611A216)	1
		B/O	-19	1	COLLAR NUT	STEEL	3/8-16 UNC (REID #FNC-3)	1
		B/O	-21	1	OVERSIZED WASHER	STEEL	3/8 I.D. (MCMASTER-CARR #98025A031)	1
	ASSY -1							

TITLE TAIL ROTOR BUSHING INSTALLATION TOOL		
DWG NO. RBW109-3130-82-105		REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/8 ANGLES ± 5°		DRAWN BY: PERRITT APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW109, AW119
SCALE 1:4	DATE 8/26/2010	SHEET 1 OF 8

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



DWG NO.	RBW109-3130-82-105-1	REV 2
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UNLESS OTHERWISE SPECIFIED	APPROVED	<i>D Weil</i>
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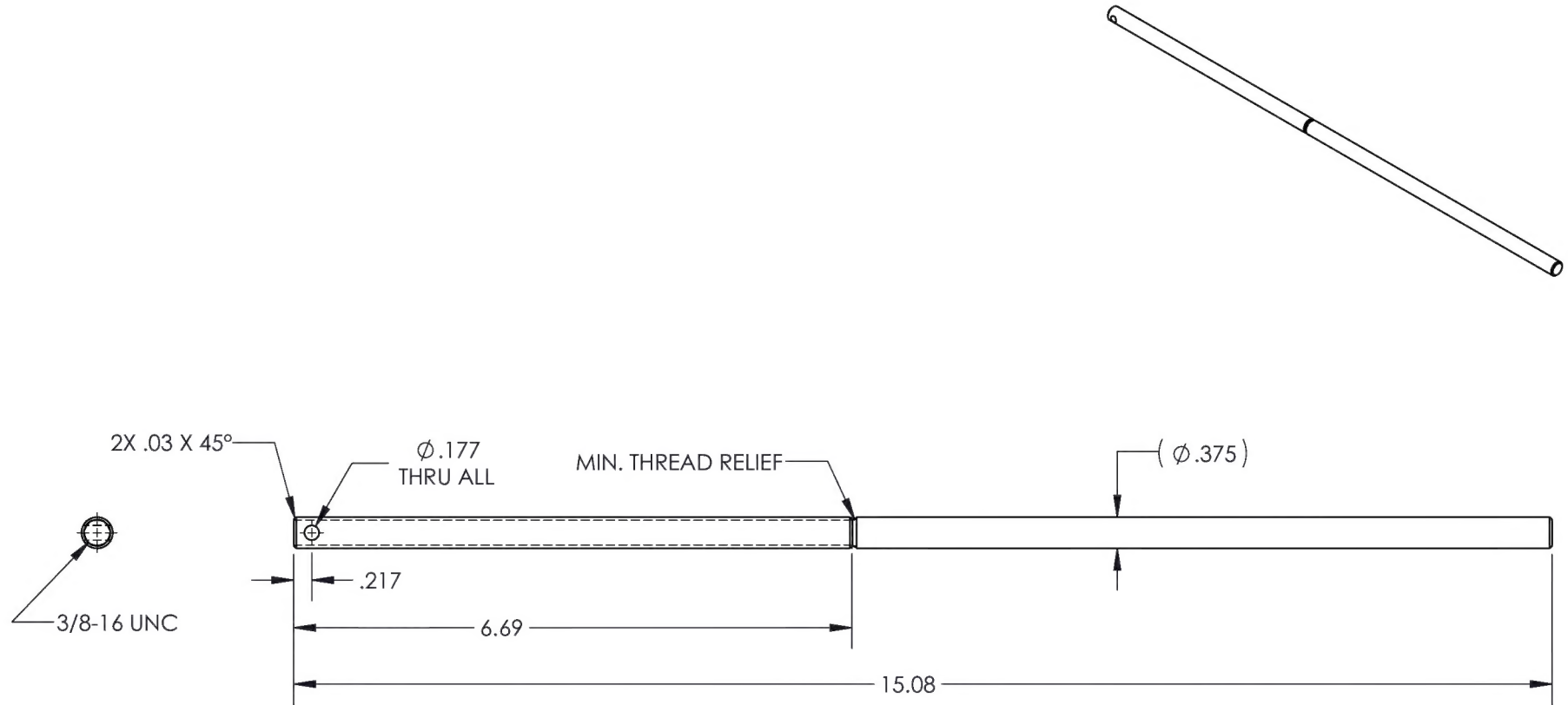
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC QQ-P-416F, TYPE II, CLASS II
	USED ON MODEL

2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	AW109, AW119

SCALE	1:2	DATE	8/26/2010	SHEET 2 OF 8
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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

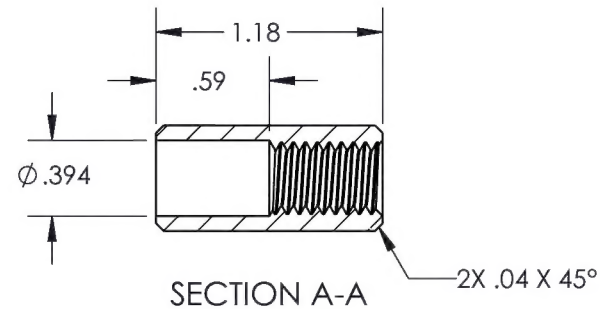
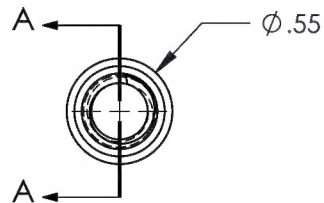
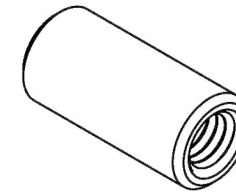


(3)
THREADED ROD

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO. RBW109-3130-82-105-3	REV 2
MAT'L 4140/4142	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -1 WELDMENT
.X ± .1	ANGLES ± 5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW109, AW119
SCALE 1:2	DATE 8/26/2010
SHEET 3 OF 8	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



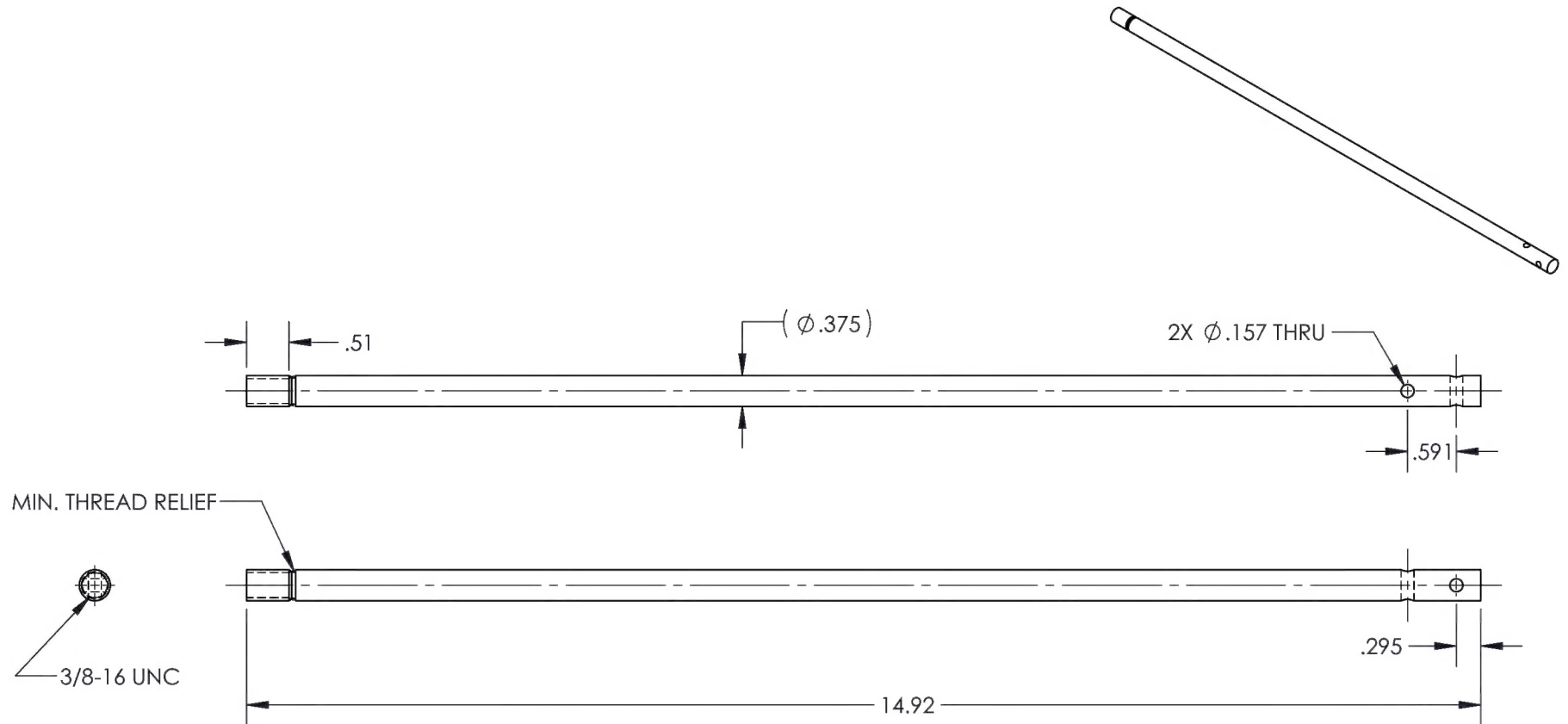
(-5)

COUPLING NUT

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO. RBW109-3130-82-105-5	REV 2
MAT'L STEEL GRD 5	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -1 WEELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 4 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL

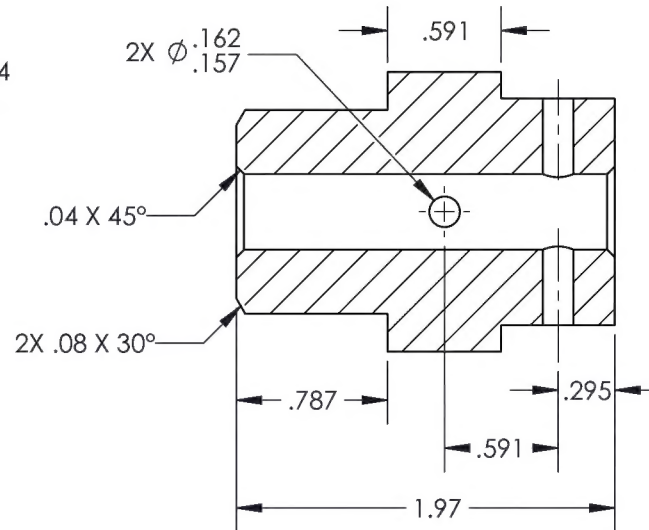
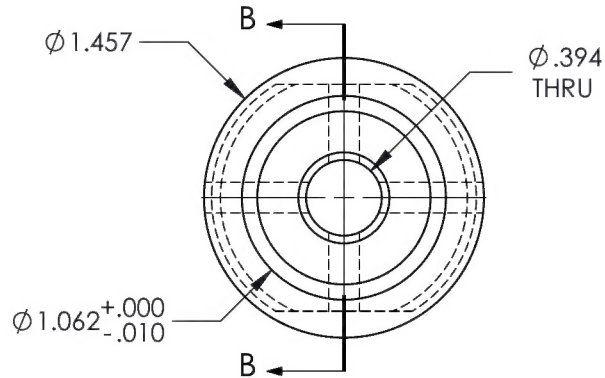
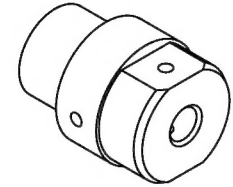


(-7)
EXTENSION ROD

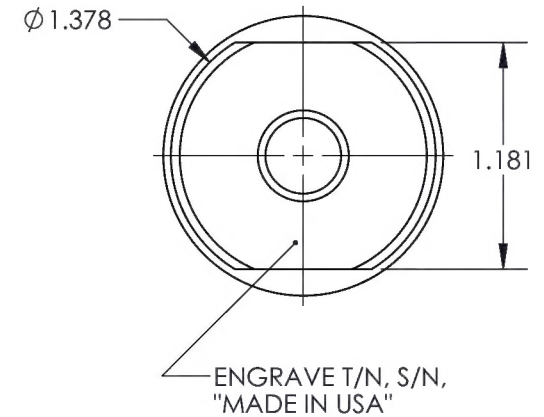
DART AEROSPACE	
TITLE TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO. RBW109-3130-820-105-7	REV 2
MAT'L 4140/4142	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:2	DATE 8/26/2010
SHEET 5 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



SECTION B-B



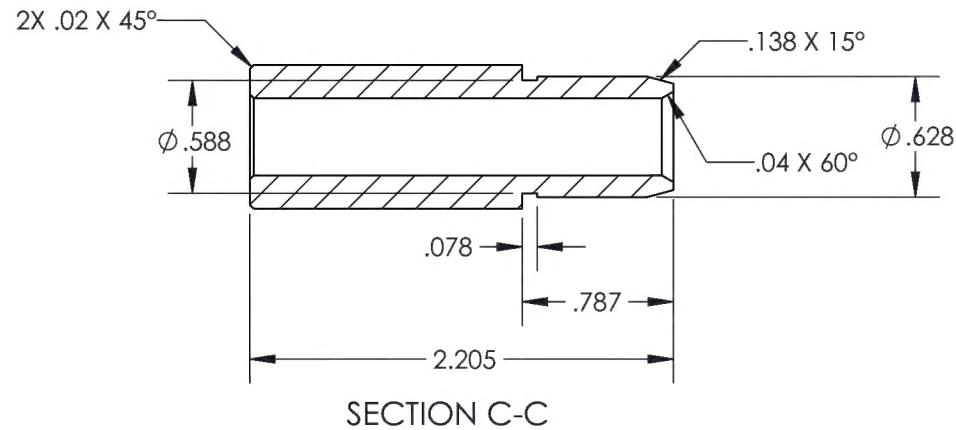
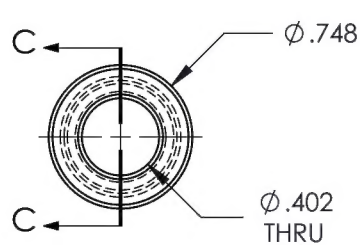
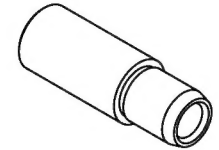
⑨

ADAPTER

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO. RBW109-3130-82-105-9	REV 2
MAT'L 4140/4142	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 6 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION C-C

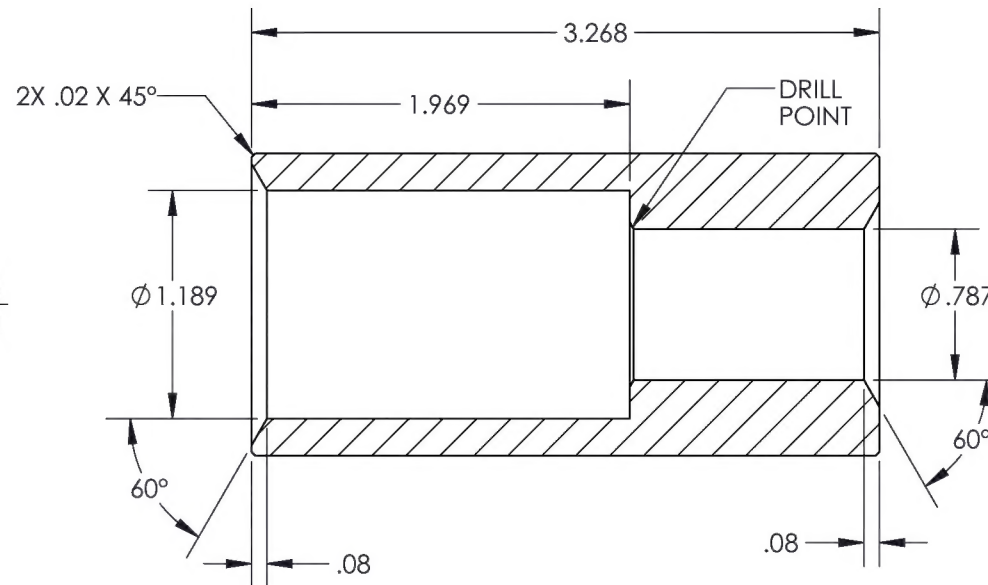
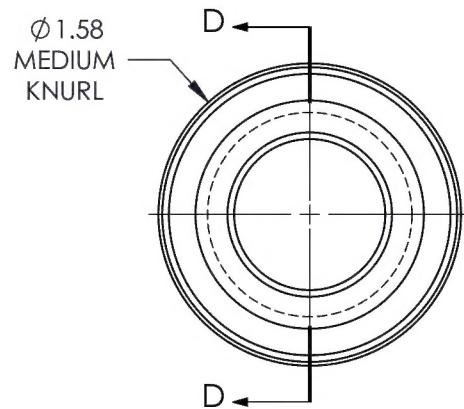
(11)

GUIDE

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO. RBW109-3130-82-105-11	REV 2
MAT'L 4140/4142	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P. Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 30-36
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 7 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



SECTION D-D

(-13)

HANDLE



TITLE		TAIL ROTOR BUSHING INSTALLATION TOOL	
DWG NO.		RBW109-3130-82-105-13	REV 2
MAT'L 6061		DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH	
.X ± .1		CLEAR ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SPEC MIL-A-8625F, TYPE II, CLASS I	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
		AW109, AW119	
SCALE 1:1		DATE 8/26/2010	SHEET 8 OF 8